

Title (en)

Method and device for parking a vehicle

Title (de)

Verfahren und Vorrichtung zum Einparken eines Fahrzeugs

Title (fr)

Procédé et dispositif destinés au stationnement d'un véhicule

Publication

EP 2813388 B1 20170201 (DE)

Application

EP 14179870 A 20120611

Priority

- DE 102011105884 A 20110628
- EP 12728034 A 20120611

Abstract (en)

[origin: WO2013000538A2] The invention relates to a method for assisting a reverse parking manoeuvre of a motor vehicle equipped with a rear-view camera system into a longitudinal parking space, wherein the image of the surroundings to the rear of the motor vehicle is displayed on a display of the motor vehicle. For the determination of the parking position on both sides of the vehicle, two 3D symbols, in particular 3D cuboids, are respectively blended into the image of the rear-view camera system, wherein the distance between two 3D symbols corresponds to one side of a minimum parking space for the motor vehicle.

IPC 8 full level

B60K 35/00 (2006.01); **B60R 1/00** (2006.01); **B62D 15/02** (2006.01); **H04N 7/18** (2006.01)

CPC (source: EP US)

B60K 35/00 (2013.01 - EP US); **B60K 35/28** (2024.01 - EP); **B62D 15/0275** (2013.01 - EP US); **B62D 15/0295** (2013.01 - EP US); **H04N 7/183** (2013.01 - US); **B60K 35/28** (2024.01 - US); **B60K 2360/173** (2024.01 - EP US); **B60W 50/14** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102011105884 A1 20130103; **DE 102011105884 B4 20190221**; CN 103619636 A 20140305; CN 103619636 B 20161026; CN 106183813 A 20161207; CN 106183813 B 20190226; EP 2726315 A2 20140507; EP 2726315 B1 20160302; EP 2813388 A2 20141217; EP 2813388 A3 20150311; EP 2813388 B1 20170201; KR 101553459 B1 20150915; KR 101720443 B1 20170410; KR 20140007503 A 20140117; KR 20150051236 A 20150511; US 2014139677 A1 20140522; US 9807352 B2 20171031; WO 2013000538 A2 20130103; WO 2013000538 A3 20130307; WO 2013000538 A9 20130530

DOCDB simple family (application)

DE 102011105884 A 20110628; CN 201280032215 A 20120611; CN 201610696672 A 20120611; EP 12728034 A 20120611; EP 14179870 A 20120611; EP 2012002470 W 20120611; KR 20137034887 A 20120611; KR 20157009983 A 20120611; US 201214126236 A 20120611